

CIRM Funded Clinical Trials

A Phase 3, Randomized, Placebo-controlled Multicenter Study to Evaluate Efficacy & Safety of Repeated Administrations of NurOwn® in Patients with ALS

Disease Area:	Amyotrophic Lateral Sclerosis
Investigator:	Ralph Kern
Institution:	BrainStorm Cell Therapeutics
CIRM Grant:	CLIN2-09894
Award Value:	\$15,912,390
Trial Sponsor:	BrainStorm Cell Therapeutics
Trial Stage:	Phase 3
Trial Status:	Recruiting
Targeted Enrollment:	200
ClinicalTrials.gov ID:	NCT03280056



Ralph Kern

Details:

BrainStorm Therapeutics is using mesenchymal stem cells that are taken from the patient's own bone marrow. These stem cells are then modified in the lab to boost their production of neurotrophic factors, which are known to help support and protect neurons, the cells destroyed by ALS. The modified cells are then returned to the patients in the target area of damage. CIRM's funding will enable the company to test this therapy, called NurOwn®, in a Phase 3 trial involving about 200 patients. Previous trials testing this treatment showed safety and encouraging signs of efficacy.

Design:

Randomized, double blind, placebo-controlled multi-site study.

Goal:

Safety and efficacy of three repeated doses.

Updates:

Actively recruiting.

News Releases:

BrainStorm Wins \$15.9M CIRM Grant for Phase III Trial of ALS Cell Therapy

[Contact Trial Sponsor](#)

Source URL: <https://www.cirm.ca.gov/clinical-trial/phase-3-randomized-placebo-controlled-multicenter-study-evaluate-efficacy-safety>